

Date: Fri, 8 Apr 94 23:08:57 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #393
To: Info-Hams

Info-Hams Digest Fri, 8 Apr 94 Volume 94 : Issue 393

Today's Topics:

 6m Equipment?
ALASKA STATION SCHED. PRIBOLOV ISLAND
 Delivery Failure Report
 electric circuits
 EME Programs
 FT-530 DC CONNECTOR
 GB2RS News 10th April 1994
 Hamradio FTP area on World?
 IPS Daily Report - 08 April 94
 more heinous thoughts
What is a "Following Alternate Element?"

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 8 Apr 1994 16:56:45 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!math.ohio-state.edu!sol.ctr.columbia.edu!
newsxfer.itd.umich.edu!news1.oakland.edu!vela.acs.oakland.edu!
prvalko@network.ucsd.edu
Subject: 6m Equipment?
To: info-hams@ucsd.edu

Dave Hockaday (Dave.Hockaday%f160.n151.z1@psybbs.durham.nc.us) wrote:
: PR>If you have an HF rig, check out Ten Tec's new 6 meter transverter kit
: PR>for \$99!
: PR>73 paul wb8zjl

: Paul, is there transverter a kit or a finished product??

Gee Dave... read the first line again. The assembled version is \$159.

The IF is 14 MHz.

I hope to get one at Dayton if Ten Tec brings any.

73 paul wb8zjl

Date: 9 Apr 94 03:25:36 GMT
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!cleveland.Freenet.Edu!
cq068@ucbvax.berkeley.edu
Subject: ALASKA STATION SCHED. PRIBOLOV ISLAND
To: info-hams@ucsd.edu

N1KDS/KL7 is operating from St Paul Island
in the Bering Sea off Alaska on the following
frequencies and schedule:

Frequencies:

28.495 USB
21.130 CW
7.130 CW*

10m when open, 15m usually

*40m when conditions are open.

Schedule:

April 9 & 10 (weekend) / April 23 & 24 (weekend)

2000 - 2400 hrs. <<<GMT>>>!

The antenna is a 30 ft. vertical autotunned. If
you are directional you'll both have a better chance
of hearing each other.

Steve
KA1JJA
###

Date: 9 Apr 94 03:36:43 GMT
From: news-mail-gateway@ucsd.edu
Subject: Delivery Failure Report
To: info-hams@ucsd.edu

From: NAME: Mail Postmaster
FUNC:
TEL: <POSTMASTER AT A1 AT ANDV02>
To: net%"Info-Hams@UCSD.EDU"@RCVAX@MRGATE

ALL-IN-1 was unable to deliver your message dated to
ADAMS,SE - no such ALL-IN-1 account
on node ANDV02

The subject of the message was :
Info-Hams Digest V94 #392

Date: 7 Apr 1994 08:02:48 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!sunic!ugle.unit.no!
stud.unit.no!kenneth@network.ucsd.edu
Subject: electric circuits
To: info-hams@ucsd.edu

hi,
does anyone know about a computer program that solve electric circuits
with respect to voltage, ampere etc ???

thanks,
kenneth.

Date: Fri, 8 Apr 94 12:14:39 GMT
From: agate!howland.reston.ans.net!pipex!warwick!uknet!uos-ee!ee.surrey.ac.uk!
M.Willis@ames.arpa
Subject: EME Programs
To: info-hams@ucsd.edu

In article <9404071257.AA13047@cmr.ncsl.nist.gov>, rc@cmr.ncsl.NIst.GOV (Robert
Carpenter) writes:

|> In response to the recent request for leads to PC programs helpful to EME
|> operators, may I suggest "SKYMOON" by W5HN. While I don't operate EME, I've

|> seen Dave use it a few times and it looks very nice. The fact that W5HN has
|> the first DXCC on 144 MHz shows it con't be TOO bad.
|> 73 de Bob w3otc@amsat.org

Don't you mean W5UN has DXCC on 144 MHz?

Mike

Date: Fri, 8 Apr 1994 03:10:43 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!csus.edu!netcom.com!
wylz@network.ucsd.edu
Subject: FT-530 DC CONNECTOR
To: info-hams@ucsd.edu

In article <2nvpog\$5vh@eis.calstate.edu>,
Steven Adams <sadams@eis.calstate.edu> wrote:

>According to the Yaesu manual:

>

>The E-DC-5A connects the EXT DC Jack on top of the transeiver to a car
>lighter socket, to provide operating and battery charging voltage
>from the automobile electrical system or another DC source.

>

>What is "another DC source" mean?? Can this adapter also be used for
>other sources??

>

>Page 14

>The E-DC-5A or another cable with a 3.5-mm coaxial plug that matches the
>EXT DC jack can be used to operate the transeiver from a source capable
>of providing 1.5 amperes at 5.5 to 16 VDC.

>

>Will the FT-530 be OK if I use 16 VDC??

>

>Will there be a power output increase with 16V?

>

>Does anyone out there have an E-DC-5A adapter?

>

>Steve Adams

>sadams@ctp.org

Regarding 'another DC source', how about a regulated 12v power supply at home?

This is my other DC source, as I do not yet have a car (can't afford one :(

It is how I power my 530 at home, and also how I power my other HTs,

which consist of a Yaesu FT411E 2m, and an ICOM IC-2AT, both with their respective DC adapters.

Hope this helps.

Scott

--

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=====
| Scott Ehrlich           Amateur Radio: wy1z       AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu   BITnet: wy1z@NUHUB        AX.25: wy1z@wa1phy.ma.usa.na |
|-----|
|       Maintainer of the Boston Amateur Radio Club hamradio FTP area on       |
|       oak.oakland.edu:/pub/hamradio                                           |
|-----|
=====
```

Date: Thu, 7 Apr 1994 19:28:37 +0000
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!uknet!demon!
llondel.demon.co.uk!dave@network.ucsd.edu
Subject: GB2RS News 10th April 1994
To: info-hams@ucsd.edu

Good morning. It's Sunday the 10th of April and here is the GB2RS news broadcast, prepared by the Radio Society of Great Britain.

First the headlines:- Look out for Scottish stations next week-end; repeaters set to close down; and attention anyone running a station to celebrate the centenary of Parish Councils.

Next Saturday and Sunday, the 16th and 17th, is Scottish Activity Weekend. This event, run by the Scottish Tourist Board (Radio Amateur) Expedition Group, aims to encourage activity by Scottish radio amateurs and to create a worldwide interest in contacts with Scottish stations. The Scottish Century Award is available and further details can be obtained from Robbie, GM4UQG whose address is correct in the RSGB Call Book. All GM, GS and 2M stations are invited to participate.

Now an urgent message for repeater keepers and users. The Radio-communications Agency has stipulated that each keeper must inform the Amateur Radio Section at RSGB Headquarters in February each year that he wishes his Notice of Variation to remain in force for the year commencing the 1st of April. In Mid-March a letter was sent to keepers who had not responded, and no reply has been received from the keepers of repeaters: GB3AH, GB3LW, GB3NF,

GB30H, GB3PA, GB3TN and GB3WB. If no letter of continuation is received at RSGB Headquarters by next Thursday, the 14th of April, then the repeater will be unlicensed and must be closed down.

It is therefore vital that keepers respond promptly to this request. Repeater users may wish to check that the keeper of their local repeater has responded.

Parish Councils in England and Wales celebrate their Centenary in June. Will those setting up Special Event Stations in connection with these celebrations consider operating over the weekend of Saturday the 25th and Sunday the 26th of June to ensure maximum contact with other parishes. A common date will facilitate the exchange of messages between Council Chairmen and others. For further details contact R A Bastow, G3BAC, by telephone on 0474 812049, or write to his address which is correct in the RSGB Call Book.

We are very sorry to have to report that the RSGB EMC Coordinator for South Wales passed away last week. Any members whose problems were being dealt with by Charles Barry, GW3BUT, should now contact another co-ordinator, or telephone the RSGB EMC Committee Chairman on 0277 218531.

RSGB Committees meeting this week include the VHF Contests Committee who meet in London on Wednesday the 13th of April.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0.

Date: Fri, 8 Apr 1994 03:05:59 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!csus.edu!netcom.com!
wylz@network.ucsd.edu
Subject: Hamradio FTP area on World?
To: info-hams@ucsd.edu

In article <940404105830.4964@mar65.mar.ora.fda.gov>,
<ODONNELLP@MAR65.MAR.ORA.FDA.GOV> wrote:

>Scott,
> You periodically post this messages announcing this availability,
>and I always get rejected when attempting an FTP session! When/what time
>of day would you suggest to try it? I've only tried while at work. The
>system always tells me they already have 25 FTP connections currently,
>and therefore my attempt is rejected.
>
>Paul

>wb2oyc
>

The posting for World should no longer exist, and the recent repost was the fault of another network. It is being fixed (I think).

The archives have moved from World over to oak.oakland.edu

The directory structure is still /pub/hamradio

I am sorry for any confusion this may have caused.

Scott

--

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=====
| Scott Ehrlich           Amateur Radio: wy1z           AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu   BITnet: wy1z@NUHUB           AX.25: wy1z@wa1phy.ma.usa.na |
|-----|
|           Maintainer of the Boston Amateur Radio Club hamradio FTP area on      |
|           oak.oakland.edu:/pub/hamradio                                         |
|-----|
=====
```

Date: 8 Apr 94 23:11:46 GMT
From: agate!ihnp4.ucsd.edu!munnari.oz.au!newshost.anu.edu.au!sserve!usage!metro!
ipso!rwc@ucbvax.berkeley.edu
Subject: IPS Daily Report - 08 April 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 8/2330Z APRIL 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 8 APRIL AND FORECAST UP TO 11 APRIL

IPS Warning 10 was issued on 31 March and is current
for interval April 3 -14 (coronal hole).

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 073/009

1B. SOLAR FORECAST

	09 April	10 April	11 April
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 075/013

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: active

Estimated Indices :	A	K	Observed A Index 7 April
Learmonth	25	3445 4343	
Fredericksburg	29		35
Planetary	35		36

Observed Kp for 7 April: 5565 4334

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
09 Apr	35	Active to minor storm.
10 Apr	35	Active to minor storm.
11 Apr	35	Active to minor storm.

2C. MAGNETIC COMMENT

None.

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
08 Apr	normal	fair-normal	poor-fair

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
09 Apr	fair	poor	poor
10 Apr	fair	poor	poor
11 Apr	fair	poor	poor

3C. GLOBAL HF PROPAGATION COMMENT

Fair-Poor HF comms quality expected at times over next three days.
Conditions at high lats are expected to remain degraded
until April 14.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
MUFs at Sydney were near predicted monthly values

Observed T index for 08 April: 36

Predicted Monthly T Index for April is 40.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
09 Apr	35	Near predicted monthly values.
10 Apr	35	Near predicted monthly values.
11 Apr	35	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Fair-Poor HF comms conditions expected until April 13, especially during local night.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: 8 Apr 94 21:11:13 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!pacbell.com!att-out!cbnewsh!
ostroy@ucbvax.berkeley.edu
Subject: more heinous thoughts
To: info-hams@ucsd.edu

John Boteler wrote:

>>Then the tail end of B is heard, listing his third piece
>>of traffic, but no one knows who he was.

>If the voice is not recognized, certainly whatever identified
>the third piece of traffic is the clue to whom transmitted last.
>I assume net control is competent enough to do this.

Why do you assume that. If I am an infrequent checkin on your
net, and my third listing is for McLean VA, would you know
who I am?

John also wrote:

>I can't imagine listing details of traffic at check-in

>time. All that is necessary is callsign and "traffic/no traffic";
>the rest can be handled when it is your turn to pass traffic.

and Bob Myers wrote:

>You SHOULD NOT be listing each and every piece of traffic separately at
>check-in; this DOES waste time, possibly delaying someone

Well thank you Bob for sharing the rules. 8-)

All I can say to you gentlemen is that some nets
do run that way. Stations check in, in one continuous
sequence, with their traffic lists.
Net control never has to pick up the microphone,
....until they are all done. Isn't that efficient?

Without the "here is" technique, it would never work.

As I recall, the first net, on which I heard this procedure,
had adopted it because they felt it was **inefficient** to
check in with "K2UL with traffic" and then have net control
later make a second transmission to ask for the traffic,
then have to make a third transmission to list the traffic.

Not saying I like this procedure more or less than any other.
Whatever works for you.

73, Dan

--

Dan Ostroy
AT&T Bell Labs, Holmdel, NJ USA 908-949-5922

- K2UL -
d.ostroy@att.com

Date: 8 Apr 1994 03:35:51 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!
news.kei.com!hookup!news!news.sprintlink.net!news.clark.net!andy@network.ucsd.edu
Subject: What is a "Following Alternate Element?"
To: info-hams@ucsd.edu

My MFJ Curtis keyer module for the 9040 can be modified to produce a
"Following Alternate Element." Can someone please explain what this means
in comparison to the standard electronic keyer configuration?

Many thanks... andy, k4adl

Date: Thu, 7 Apr 1994 20:59:09 +0000

From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!warwick!uknet!demon!
llondel.demon.co.uk!dave@network.ucsd.edu
To: info-hams@ucsd.edu

References <765162276snx@llondel.demon.co.uk>,
<1994Apr4.154533.24771@ve6mgs.ampr.org>, <765518867s
Subject : Re: STOP SENDING HAMS ON USENET CRAP !!!

In article <1994Apr6.145343.22122@ve6mgs.ampr.org> mark@ve6mgs.ampr.org (Mark G. Salyzyn) writes:

>
>It takes *no* extra processing time to have your feed site place this in his
>sys file:
> MACHINE/MAILDOMAIN:...!rec.answers,rec.radio.info...
>or some imaginative combination there-of. Yes, it would be ludicris to have
>the feed site check for message-IDs (I use a standard for all the information
>postings I have an influence over, you *can* match to it for the Amateurs on
>USENET List, if you set up an ihave-sendme feed, then *you* [or your feed site]
>can do it easily). You can even use Message-IDs to prevent all postings from
>me from ever crossing the news boundaries ... ;-/

>
Not quite that simple with the internet access via Demon (as any of the others
reading this will agree) and with the software in use (a derivative of KA9Q)
because the feed site is supplying news to several thousand dial-up sites and
it would be impractical (or expensive to the users!) for them to maintain
news lists for all of us.

Anyway, back to a more relevant subject: my vote would be for the full list to
be sent out every few months with additions/deletions every month which include
a pointer to the full list.

Dave
--

* G4WRW @ GB7WRW.#41.GBR.EU AX25 * Start at the beginning. Go on *
* dave@llondel.demon.co.uk Internet * until the end. Then stop. *
* g4wiw@g4wiw.ampr.org Amprnet * (the king to the white rabbit) *

Date: (null)
From: (null)
And from St Christopher/Nevis, KB8WC, N8LXS and K080 will
sign V47WC on SSB and V47XS on CW from Friday the 22nd until
Wednesday the 27th of April. Emphasis will be on 40 metres CW.

Rally news now:

Now the Rallies for today Sunday the 10th of April:

The Leiston Amateur Radio Club Car Boot Sale is being held at the Solar Car Park, off Sizewell Road, Leiston, Suffolk. Doors open at 10am. This event is a radio-oriented car boot sale.

The Lough Erne Amateur Radio Club Mobile Rally is being held at the Killyhelvin Hotel, Enniskillen, Co Fermanagh. Doors open at 12 noon. The event features trade stands and a bring and buy stall. Talk-in will be on channel S22 by GI0LEC.

The Swansea Amateur Radio Society Rally is being held at the Swansea Leisure Centre, situated on the Swansea/Mumbles coast road, the A4067. Doors open at 10.30am. The event features trade stands, repeater group stands, operational HF and VHF stations and a bring and buy stall. Refreshments will be available and talk-in by GB2SWR on channel S22.

Now the Rallies for next weekend.

On Saturday the 16th the Spring All Micro Show, Radio Rally and Electronics Fair is to be held at the Bingley Hall, Staffordshire Showground, Weston Road, Stafford. Located off the A518 Stafford/Utttoxeter Road, it is signposted from junction 14 on the M6 motorway. Doors open at 10am. This event features many stands covering computers, software, books, components hardware, as well as radio and satellite stands and a bring and buy stall. Refreshments will be available. Further details can be obtained by telephoning 0473 272002.

And now the events for Sunday the 17th of April:

The Bury Radio Society Radio Rally is to be held at the Castle Centre, Bolton Street, Bury, Lancs. Doors open at 11am, or 10.30 for disabled visitors. The event features trade stands and a bring and buy stall. Talk-in will be on two metres, channel S22. Further details from G4KLT, Tel: 061 762 9308.

The second event on the 17th is the Cambridge Repeater Group Amateur Radio Rally which is to be held at the Philips Telecom Catering Centre, St Andrews Road, Chesterton, Cambridge. Doors open at 10.30am. The event features trade stands, a bring and buy stall and the usual Auction. Refreshments will be available. For further details contact Darren Salter on 0223 358985 extension 3265 during working hours.

The third and final event on the 17th is the Marske-by-the Sea Radio Rally which is to be held at the Marske Leisure Centre, High Street, Marske-by-the-Sea, near Saltburn, Cleveland. Doors open at 11am. The event features the usual traders and a bring and buy stall. Refreshments will be available. For further details contact Alister, G4OLK on 0642 475671.

HF contest news now:

The RSGB RoPoCo-1 Contest take place today, Sunday the 10th of April, from 0700 to 0900 UTC between 3.520 - 3.570MHz, CW only. The contest is rather complex so participants are advised to consult the rules which can be found in the March edition of Radio Communication.

The second in this year's series of RSGB QRS (Slow Morse) Cumulative Contests will take place next Wednesday the 13th of April from 1900 to 2030 UTC between 3.540 - 3.580MHz. See April RadCom page 8, for further details and January's RadCom, page 83 for the rules.

Clubs wishing to enter the RSGB HF National Field Day should note that the deadline for registration is Saturday the 23rd of April. Further information can be found on page 82 of the February edition of RadCom.

The RSGB Low Power Contest will take place next Sunday the 17th of April from 0700 to 1100 UTC between 3.510 - 3.560MHz and 7.010 - 7.040MHz on CW. See February RadCom, for the rules and further details.

Next some VHF contest news:

The first of a series of RSGB 24GHz Summer Cumulative Contests takes place today from 0900 -2100 UTC. The rules can be found on page 82 of April's RadCom.

The RSGB 1.3 and 2.3GHz Fixed Station and Listeners Contest takes place today Sunday the 10th from 1700 to 2100 UTC. Rules are in February's RadCom.

The 70 Centimetre Trophy Contest is scheduled to take place on Saturday the 7th of May from 1400 to 2200 UTC. Starting at the same time is the 432MHz to 24GHz Contest which is a 24-hour event. See February RadCom, page 83 for further details of both events.

Some Special event stations active this month, include:

GB4CRO, Cave Rescue Organisation, will be aired by the Central Lancs Amateur Radio Club from Friday the 29th of April until Monday the 2nd of May. For some of the time, operation will be from the White Scar Cave, using external aerials on 20, 40 and 80 metres. For further details contact Jack, G0FQN, on 0772 423741.

GB0XXV, will be used from April until the end of September to celebrate the 25th Anniversary of the Thornton Cleveleys Amateur Radio Society. The station will be operational on HF, VHF and UHF, with G4ATH on 160 metres and G6GMW on VHF and UHF. For further details contact G8RDP, whose address is correct in the RSGB Call Book.

And now the solar factual data for the period the 28th March to the 3rd of April:

Due to the holiday we are a bit short of some data. Solar activity has been very quiet, with spot counts dropping to zero on the 2nd and 3rd of April. No flares have been reported but the expected magnetic storms due to coronal holes duly arrived.

The sunspot indices meaned about the 30s, though the 2nd and 3rd were down to zero. The last time zeros were recorded was September 1993. Solar flux levels are continuing to decline from 88 units on the 28th down to 77 units by the 3rd of April. The average for the period was 83 units. The 90 day flux mean on the 2nd of April was 100 units.

The geomagnetic levels were quiet up to the 1st of April when, due to an eruptive prominence and the passage of coronal holes, a major magnetic storm developed raising the Ap index to 76 units by the 3rd. The period averaged an Ap index figure of 21 units. The state has been 'Strat warm' over polar regions, 'declining' towards the 2nd, then 'major mag storm in progress'. The daily averages of the aa indices for the 22nd to the 28th of March were 27.2 nanoTeslas, about K3. The 26th and 27th were quiet days with periods down to 5 and 8 nanoTeslas. The X-Ray flux has continued to decline with the period averaging only A5.5 units. The 3rd of April was down to only A2.4 units, the lowest level since September 1993.

I'll repeat the figures. Spots - 30; Flux - 83; Ap index - 21; X-ray flux - A5.5.

Now the ionospheric data for Central France:
Due to the holiday we have only data for the 28th to the

30th. For that period the F2 daytime critical frequencies at Poitiers, as reported by Meudon, averaged 7.3MHz and the darkness hour lows 3.7MHz. The highs are now anywhere between 11.00 and 17.00 hours, but the darkness hour lows are centred on 05.00 hours.

I'll repeat the figures. Highs - 7.3MHz; lows - 3.7MHz.

Now the ionospheric data for the north:
The F2 daytime critical frequencies at Ekaterinberg averaged 6.5MHz and the darkness hour lows 3.4MHz.

I'll repeat the figures: Highs - 6.5MHz; lows - 3.4MHz.

And the solar forecast:

This week the quiet side of the sun will be looking our way, and the magnetic storms should have died down by now. Solar flux levels are expected to be about the 90s. Geomagnetic levels are expected to be just unsettled with Ap indices in the 20s. Ionospheric MUFs in the south during daylight are expected to be about 24MHz and the darkness hours 7.0MHz. North/south paths will be predominant. The seasonal changes are now affecting east/west paths, which will be well down on these levels. For northern stations daytime MUFs could be about 21MHz and darkness hours about 7.0MHz.

We have been asked what the lowest solar flux levels are likely to be at solar minimum. The lowest monthly average during the past four cycles was 67 units in July 1964, the other cycles have only varied from this by very small amounts. The lowest X-Ray flux levels expected are not known, as this data has only been available in recent years.

And that's the end of this week's solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 Uniform Romeo and G7 Sierra Golf series, and Novice calls in the 2 0 Alpha Hotel and 2 1 Charlie Uniform series.

And that's the end of this week's GB2RS news broadcast, which was prepared by the Radio Society of Great Britain.

End of Info-Hams Digest V94 #393
